

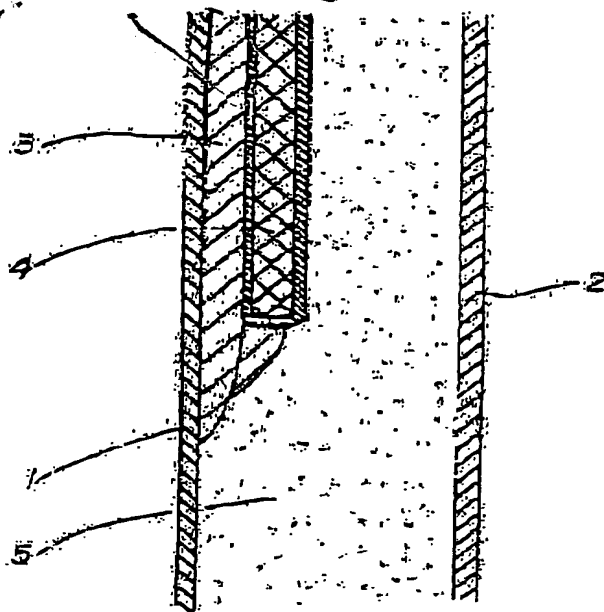
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Title of Invention: MANUFACTURE OF HEAT-INSULATING STRUCTURE
Abstract:

PURPOSE: It is done by filling a foam heat insulating material between an inner plate and a shell after bonding a vacuum adiabatic panel to either one side of an inner plate or a shell by using an adhesion action of a foam heat insulating material so that it is not necessary to use a spacer, etc..

CONSTITUTION: Foam heat insulating material 3 is applied to 4 installation position of the vacuum adiabatic panel of the exterior of inner plate 1 *(spray). When gelling, vacuum adiabatic panel 4 is crimped. Vacuum adiabatic panel 4 is fixed to the inner plate 1 side by an adhesion action of foam heat insulating material 3. This inner plate 1 is installed in shell 2. It bubbles *(an injection) *(final foam heat insulating material 5) in the space part, and an adiabatic structure is manufactured. This vacuum adiabatic panel 4 can be installed in the inside side *(of shell 2). As a result a method of manufacturing the adiabatic structure that does not need to use a spacer, etc. can be obtained.
(Automatic Translation)

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